



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Friday, September 29, 2017

Issued: 0800 CT

Day 1 Weather Impacts: Some isolated heavy rain may lead to localized flash flooding over Central NM. Isolated severe storms possible in SW NM.

Moderate to isolated major river flooding continues for the Nueces and Rio Grande Rivers; Beaver Creek in NW TX crested in Major Flood.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Lauren Nash
817-978-1100 x 147**

Key Points



Today

- Some isolated heavy rain may lead to localized flash flooding over central NM.
- Isolated severe storms are possible in SW NM.
- The Rio Grande at Laredo and the Rio Grande at Columbia Bridge have crested and will fall today. A few rivers/creeks in SW OK/Panhandle of TX are in Moderate/Major flood stages but have crested and will recede today. The Nueces River at Cotulla, TX is expected to crest in Major flood today and slowly recede.

Saturday - Sunday

- Lingering minor to moderate river flooding will continue as the rivers recede.

Monday – Tuesday

- No significant impacts expected.

Tropical Outlook

- Hurricane Lee/Tropical Storm Maria are out in the Atlantic and will be of no impact to Region 6.
- An area of low pressure is likely to form near the FL Straits to near the east coast of FL during the next few days; no impacts to FEMA Region 6 are expected

FEMA Region 6 Threat Matrix

Sep 29, 2017 - Oct 3, 2017

	FRI	SAT	SUN	MON	TUE
Severe Weather	Isolated severe storms SW NM				
Heavy Rain / Flash Flooding	Central NM				
Fire Weather					
River Flooding	Nueces, Beaver Creek, SW OK	Sabine, Rio Grande, Nueces	Sabine, Nueces		
	Sabine, Rio Grande				
Tropical Weather					

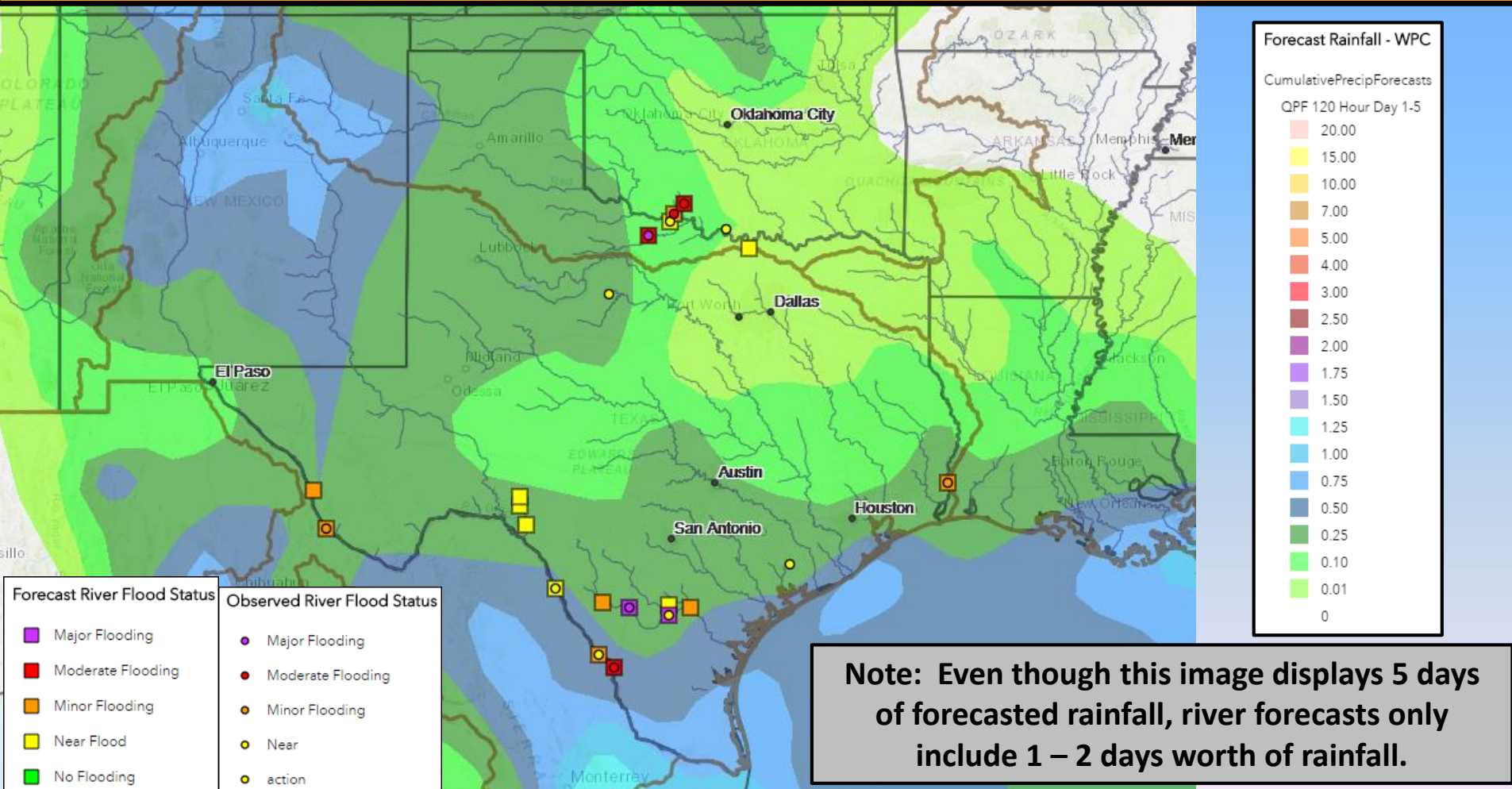
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



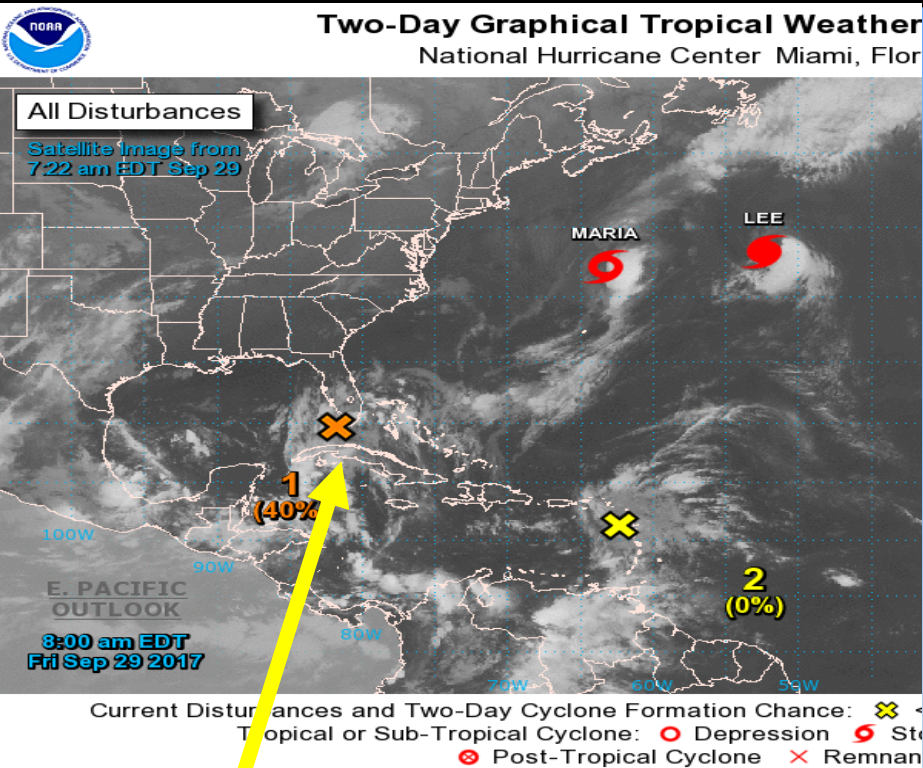
5-Day Precipitation Forecast & River Flood Status

Moderate to major flooding in SW OK/N TX and along the Rio Grande have crested and will recede today. The Nueces River at Cotulla, in major flood, may rise slightly today but start to recede into the weekend. The Sabine River remains in Minor flood.



For the latest on river flooding: <http://water.weather.gov/ahps>

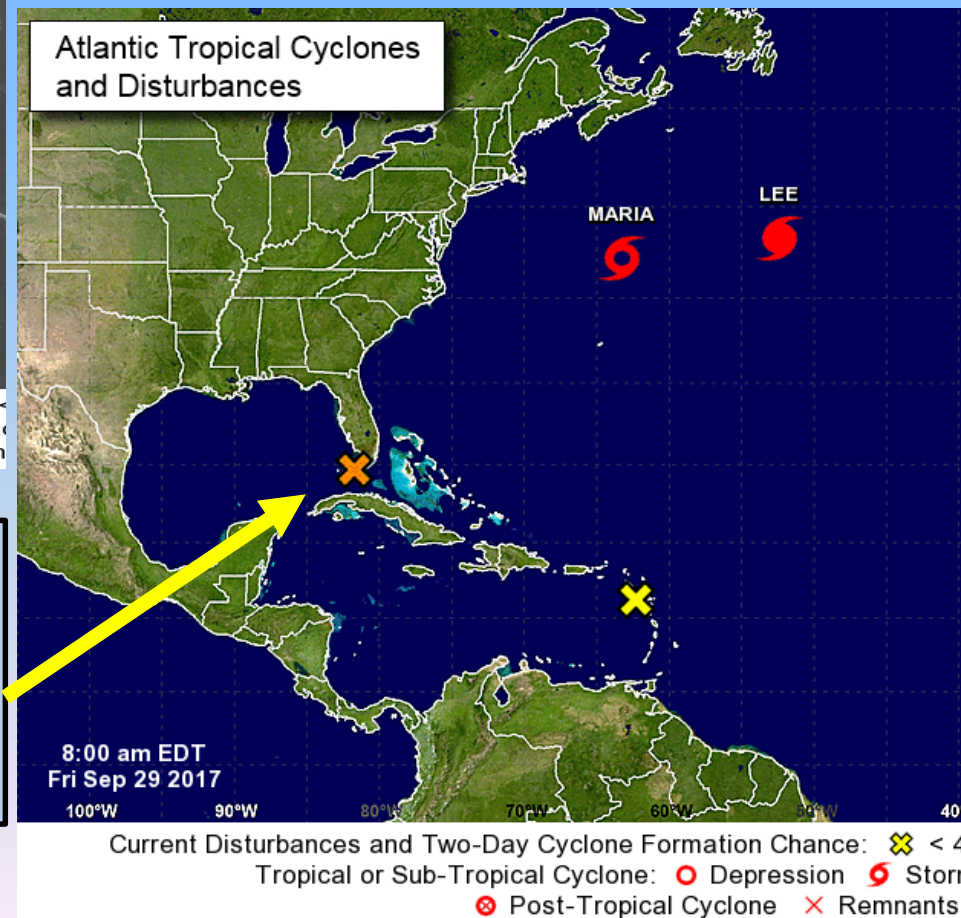
Tropical Weather Outlook



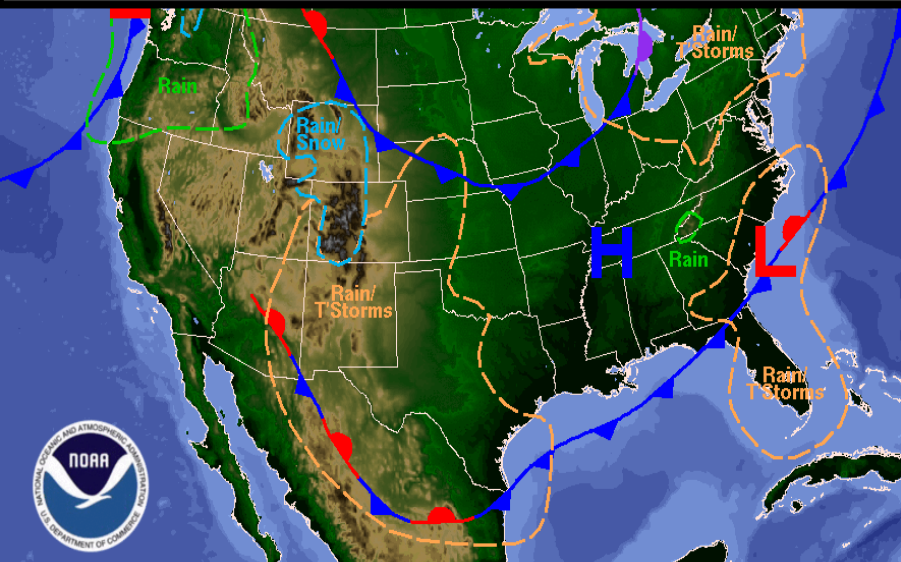
A weak area of low pressure is likely to form across the FL Straits to near the east coast of the FL Peninsula during the next few days. No impact to Region 6

Formation chance through 48 hours...low...40%
Formation chance through 5 days...medium...40%

Hurricane Lee/Tropical Storm Maria will remain in the central Atlantic; no impact to Region 6.



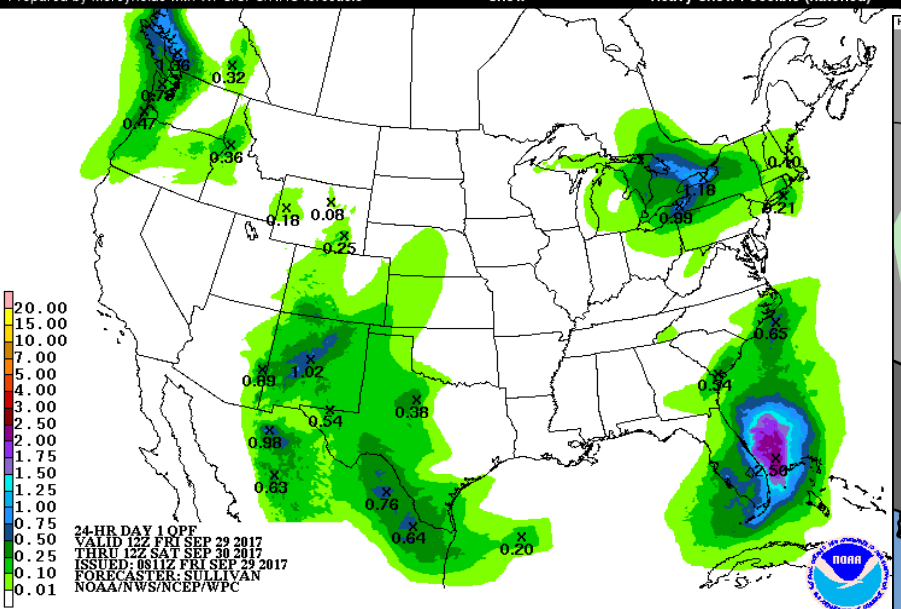
Today's Weather



Day 1 National Forecast Chart

Valid Fri, Sep 29, 2017, issued 4:44 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

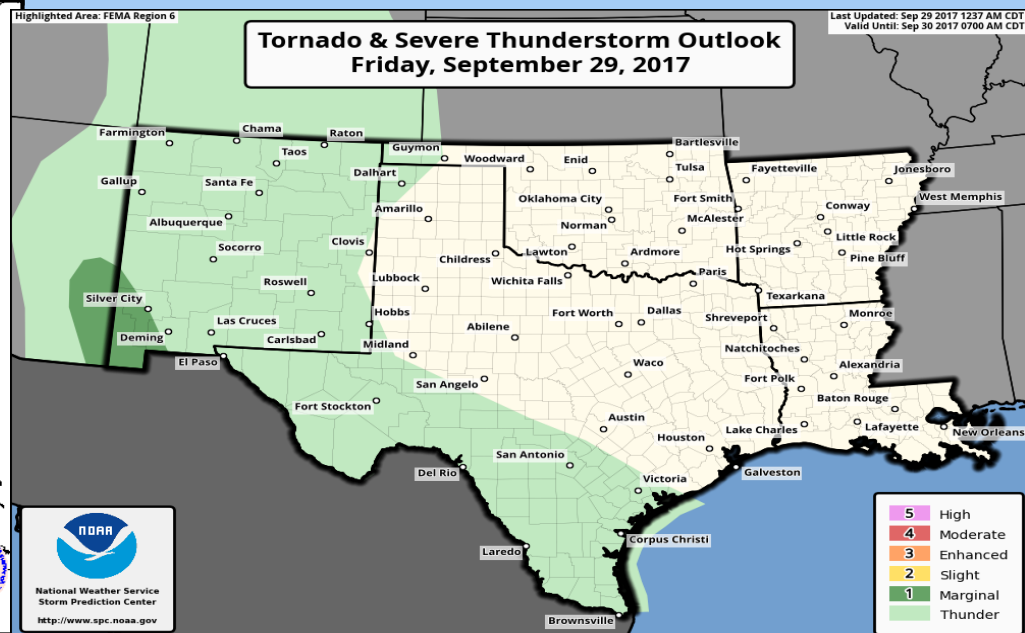
Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24 HR DAY 1 O/P
 VALID 12Z FRI SEP 29 2017
 THRU 12Z SAT SEP 30 2017
 ISSUED: 0811Z FRI SEP 29 2017
 FORECASTER: SULLIVAN
 NOAA/NWS/NCEP/WPC

Some isolated heavy rain may lead to localized flash flooding over central NM. Isolated severe storms possible in SW NM.

Moderate to major river flooding continues in SW TX but has crested and will recede. Moderate to major flooding in SW OK/N TX has crested and will recede today.



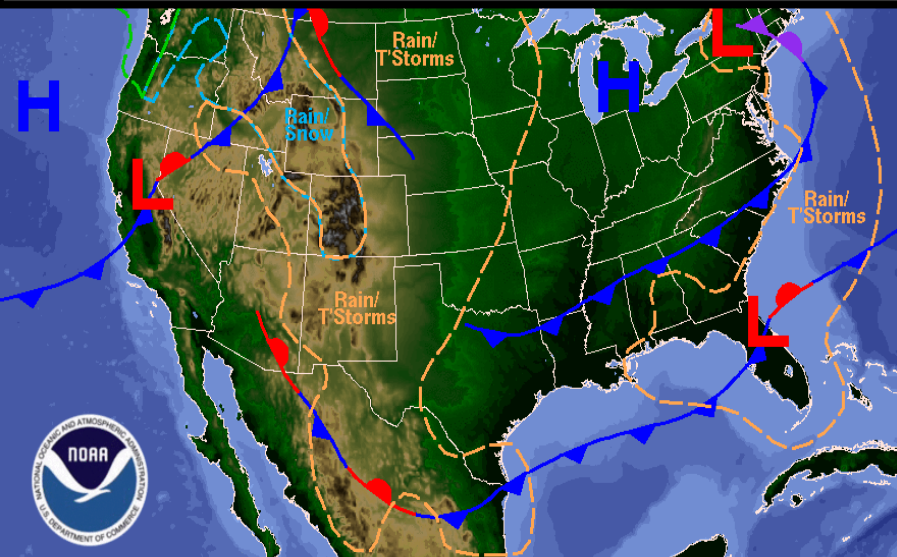
**Tornado & Severe Thunderstorm Outlook
 Friday, September 29, 2017**

Last Updated: Sep 29 2017 1237 AM CDT
 Valid Until: Sep 30 2017 0700 AM CDT

NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

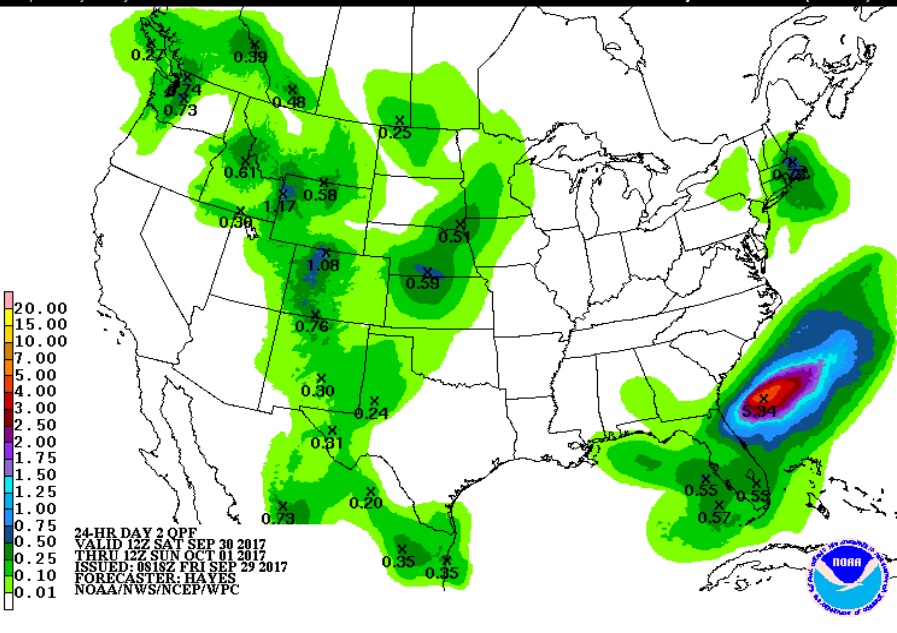
Tomorrow's Weather



Day 2 National Forecast Chart

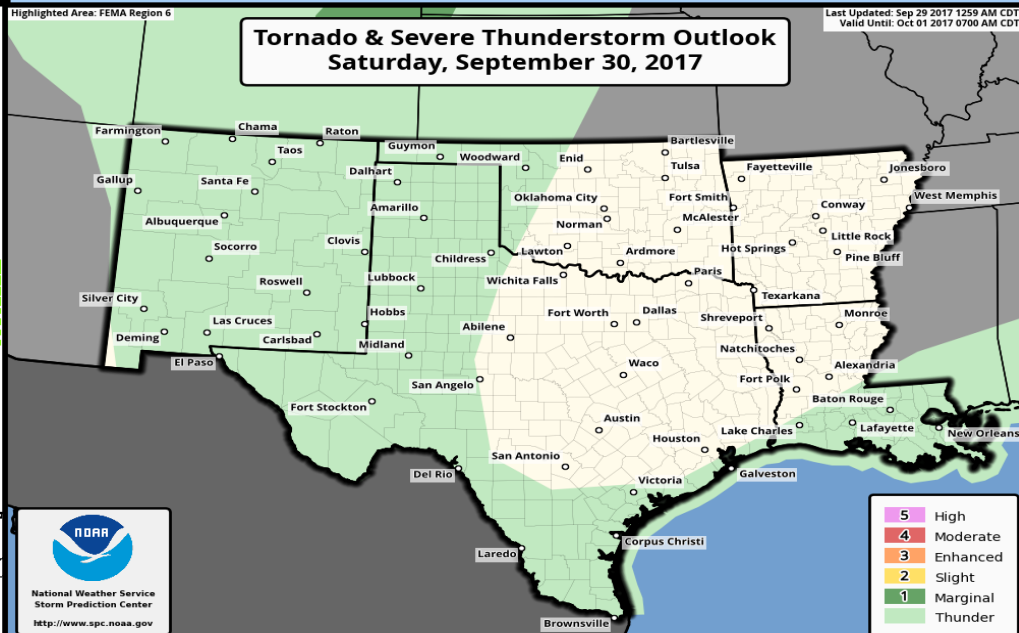
Valid Sat, Sep 30, 2017, issued 4:47 AM EDT Fri, Sep 29, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 2 OPT
 VALID 12Z SAT SEP 30 2017
 THRU 12Z SUN OCT 01 2017
 ISSUED 0818Z FRI SEP 29 2017
 FORECASTER: HAYES
 NOAA/NWS/NCEP/WPC

Minor to moderate flooding will linger along the Nueces River, the Rio Grande and the Sabine River.



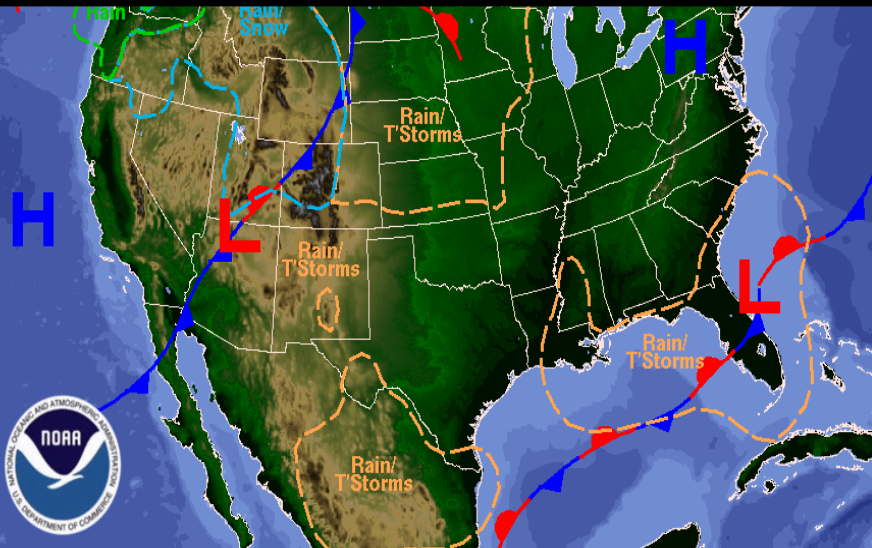
**Tornado & Severe Thunderstorm Outlook
 Saturday, September 30, 2017**

Last Updated: Sep 29 2017 12:59 AM CDT
 Valid Until: Oct 01 2017 07:00 AM CDT

NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

Sunday's Weather

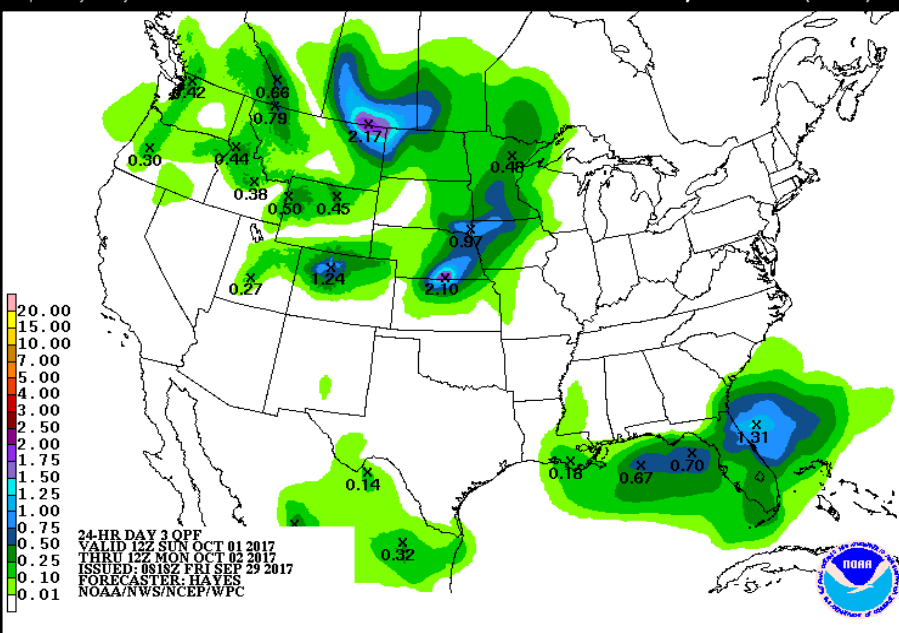


Day 3 National Forecast Chart

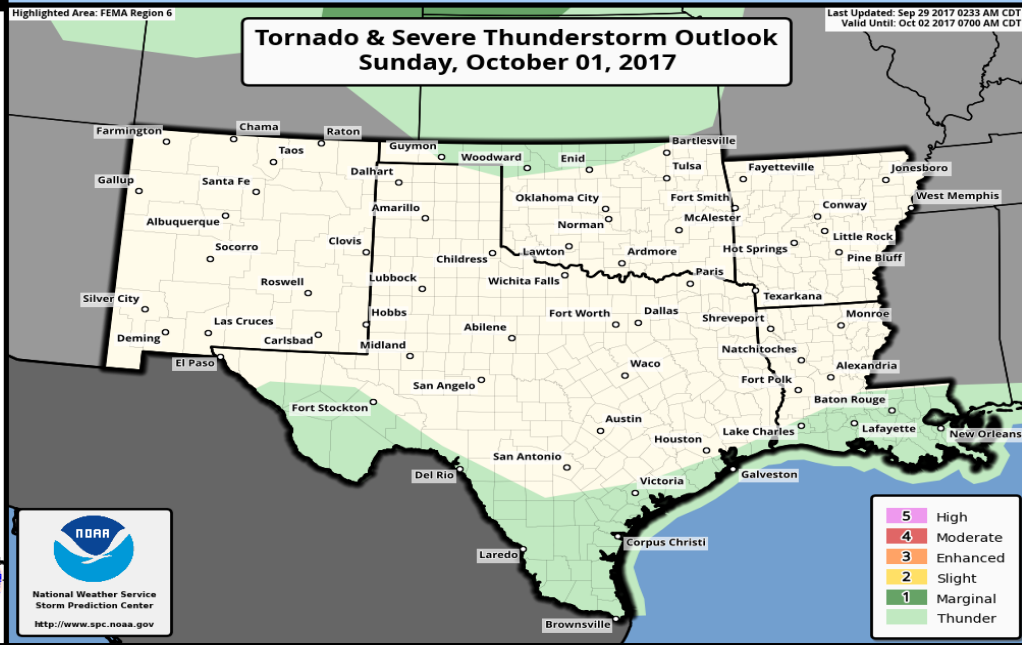
Valid Sun, Oct 01, 2017, issued 4:51 AM EDT Fri, Sep 29, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Moreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)

Minor flooding will linger along the Nueces River, the Rio Grande and the Sabine River.



24-HR DAY 3 OFF
 VALID 12Z SUN OCT 01 2017
 THRU 12Z MON OCT 02 2017
 ISSUED: 0918Z FRI SEP 29 2017
 FORECASTER: HAVES
 NOAA/NWS/NCEP/WPC



**Tornado & Severe Thunderstorm Outlook
 Sunday, October 01, 2017**

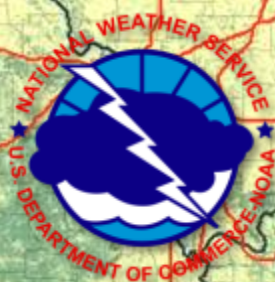
Last Updated: Sep 29 2017 0233 AM CDT
 Valid Until: Oct 02 2017 0700 AM CDT

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder









Day 4-5 Weather Hazards

Valid: 0800 Mon - 0800 Wed



**No Significant
Weather
Impacts**

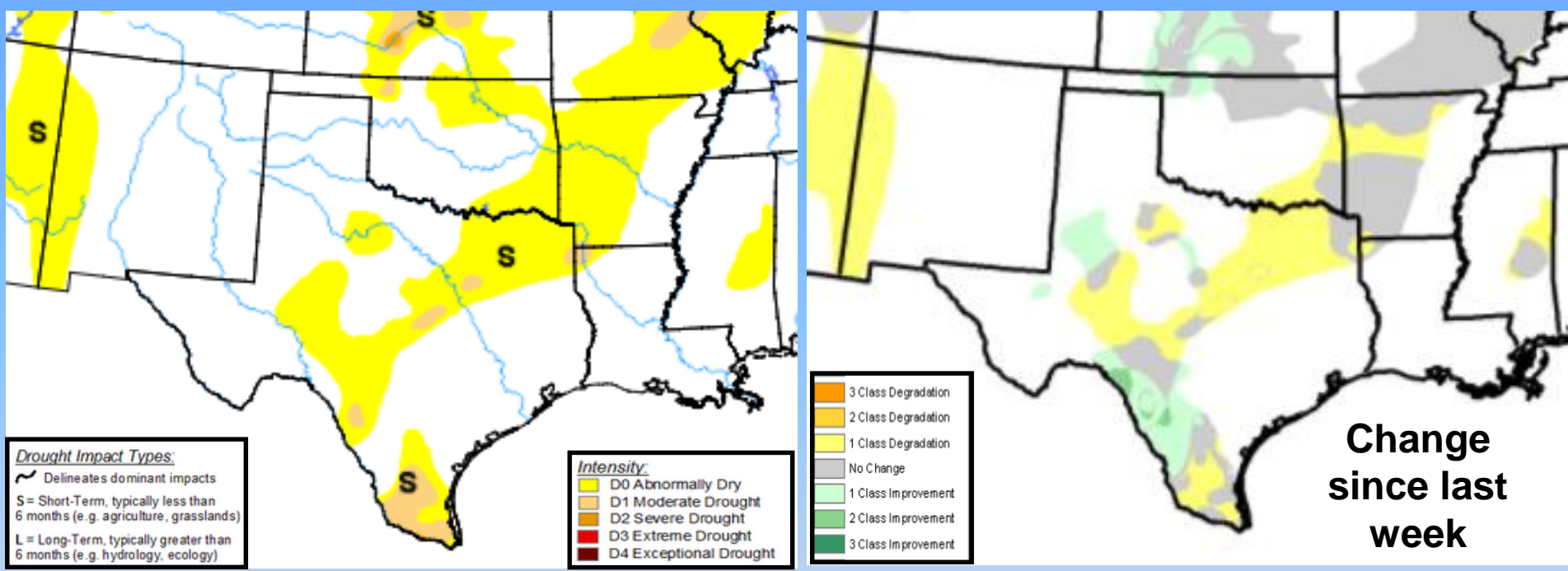
	No Weather Threats Expected
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	Common – Happens Frequently
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*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released 28 September, 2017

Data valid as of 7am CDT, Tuesday, September 26, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

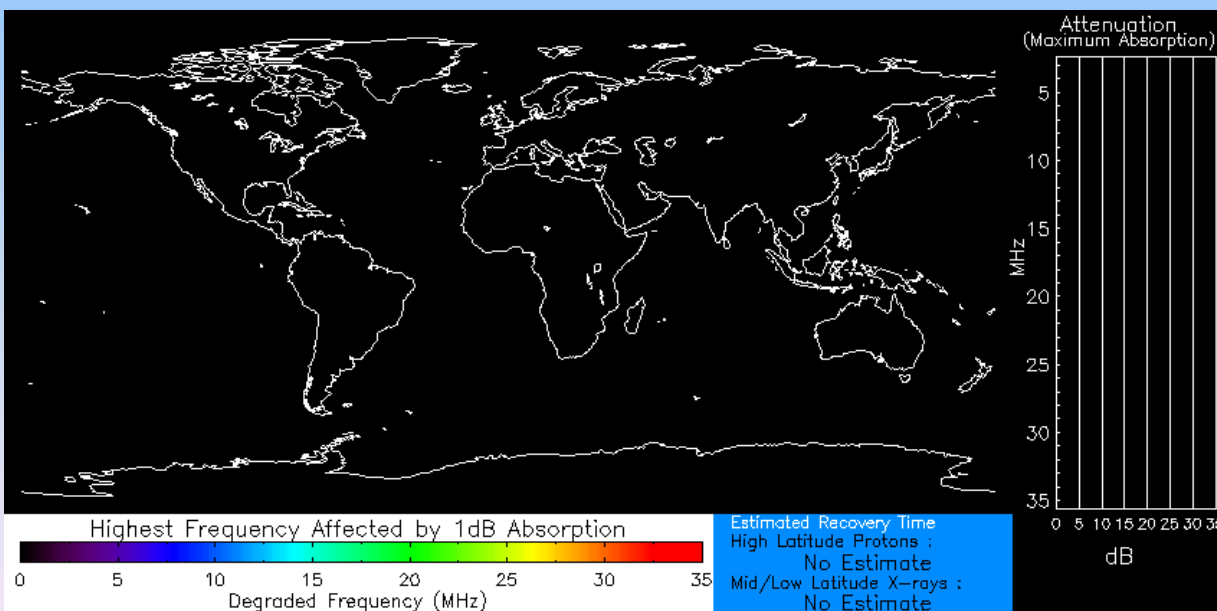
Space Weather 3-Day Forecast



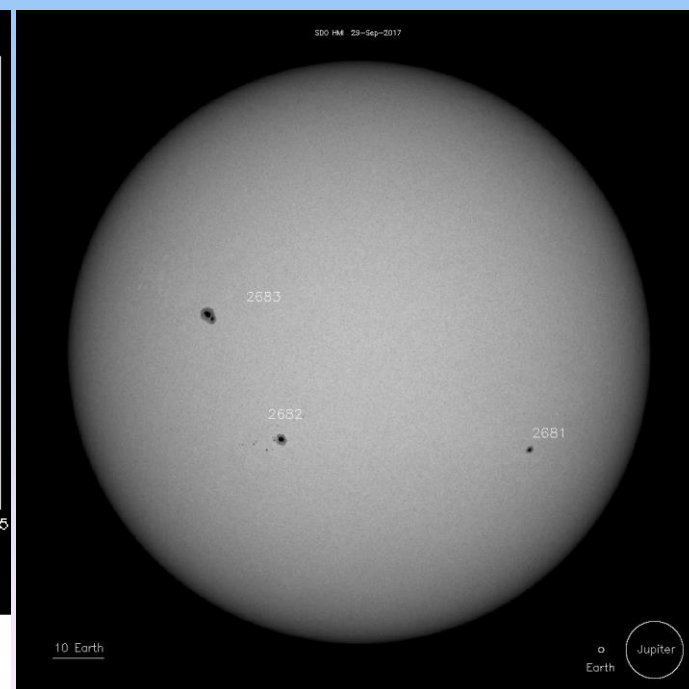
[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Active (Max Kp = 4)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal Proton Background
NOAA/SWPC Boulder, CO USA



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

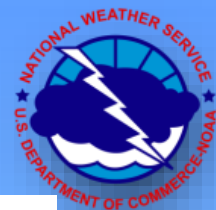
facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms